

FREY ENVIRONMENTAL, INC.*Environmental Geologists, Engineers, Assessors*SLIC # 760
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Newport Beach, CA 92663
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Fax (949) 723-1854
Email: freyinc@freyinc.comAugust 8, 2000
172-01Augustine Anijelo
Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013**GROUNDWATER MONITORING WELL SAMPLING
SECOND QUARTER 2000
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA**

Dear Mr. Anijelo:

This letter presents the results of groundwater sampling activities for the second quarter of 2000 at the site of the former Mondo Chrome facility located at 4933 Firestone Boulevard in South Gate, California (Figure 1).

SUMMARY OF ACTIVITIES

On June 26, 2000, groundwater monitoring wells MW1, MW2 and MW3 were measured for depth to water and checked for the presence of light non-aqueous phase liquids (LNAPLs). LNAPLs were not detected in wells MW1, MW2 or MW3 which were then purged and sampled according to the procedures presented in Appendix A.

Groundwater samples were analyzed for purgeable halocarbons and aromatic compounds in general accordance with EPA Method No. 8021B. Groundwater samples were also analyzed for total chromium in general accordance with EPA Method No. 200.7.

Groundwater purged from the wells is temporarily being stored on-Site in 55-gallon drums. The purged groundwater will be transported and disposed of at a State-certified recycling facility at a later date.

RESULTS

- Tetrachloroethene (PCE) and trichloroethene (TCE) were detected at concentrations of 663 micrograms per liter (ug/L) and 909 ug/L, respectively, in the water sample collected from well MW1. In addition, cis-1,2-dichloroethene (cis-1,2-DCE) was detected at a concentration of 125 ug/L in the water sample collected from well MW1. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW1.
- PCE, TCE, and cis-1,2-DCE, were detected at concentrations of 17 ug/L, 101 ug/L, and 230 ug/L, respectively, in the groundwater sample collected from well MW2. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW2.
- PCE and TCE were detected at concentrations of 26 ug/L and 92 ug/L, respectively, in the groundwater sample collected from well MW3. No other compounds analyzed as part of EPA Method No. 8021B were detected in the groundwater sample collected from MW3.
- Total chromium was detected at concentrations ranging from 38 milligrams per liter (mg/L) to 46 mg/L in groundwater samples collected from MW1, MW2 and MW3.
- Groundwater was estimated to flow toward the north at a gradient of 0.00083 feet per foot on June 26, 2000. A site sketch showing groundwater elevations and estimated direction of groundwater flow on June 26, 2000 is presented on Figure 2.
- Calculated groundwater elevations and chemical analytical data have been summarized in Table 1. Laboratory reports are presented in Appendix B.

Sincerely,

FREY Environmental, Inc.

Joe Frey
Principal Certified
Engineering Geologist
CEG #1500




Evan Privett
Senior Project Geologist

Enclosures:

Table 1 - Groundwater Levels and Chemical Analyses

Figure 1 - Site Location Map

Figure 2 - Site Sketch Showing Groundwater Elevations and Estimated Groundwater Flow Direction
on June 26, 2000

Appendix A - Field Procedures

Appendix B - Laboratory Results

cc: Mr. Howard Kay
The Kay Companies
475 Seventeenth Street
Suite 940
Denver, CO 80202

TABLE

TABLE 1
GROUNDWATER LEVELS AND CHEMICAL ANALYSES
FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

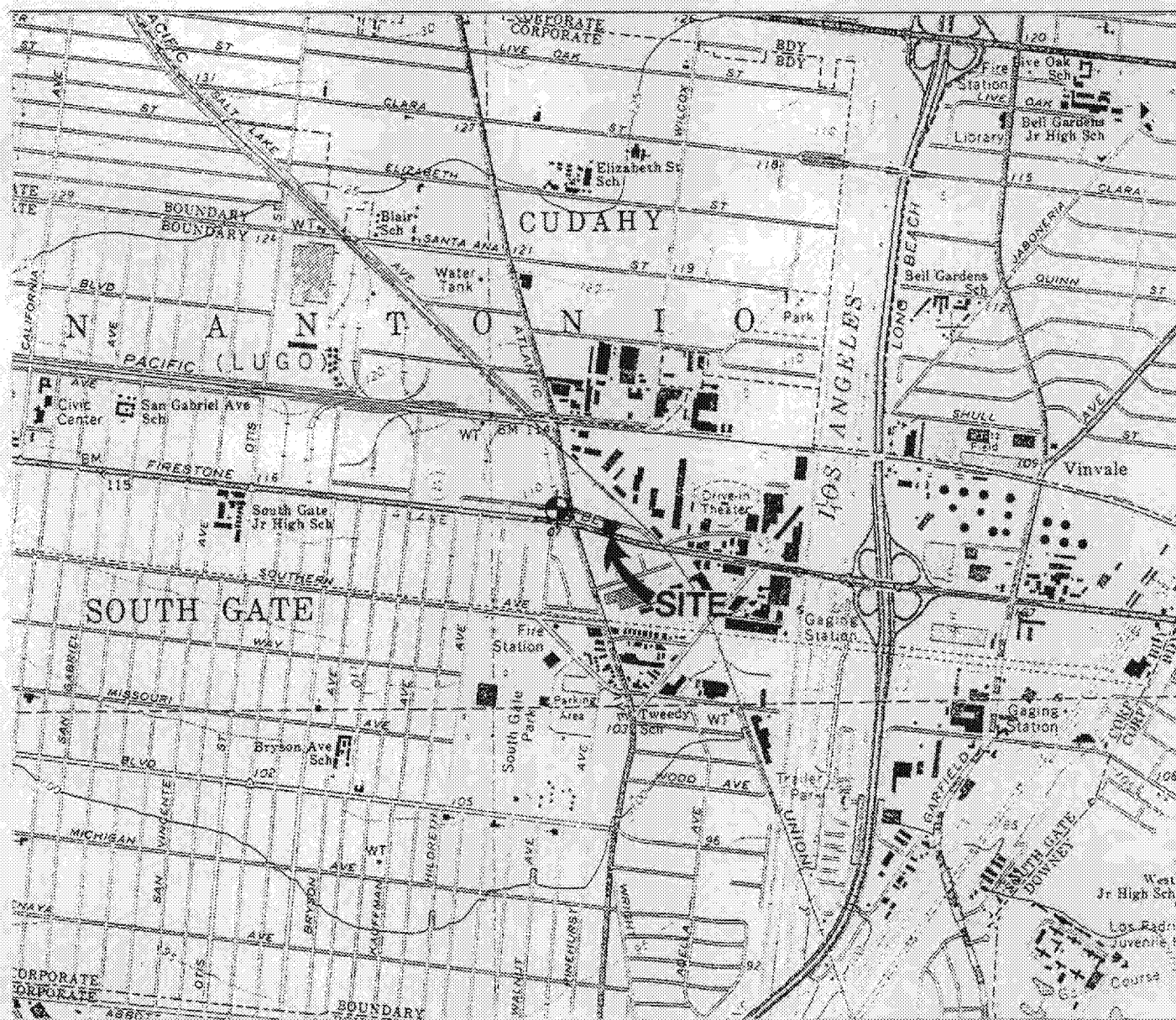
Well No.	Well Elevation (ft-msl)	Screen Interval (feet-bgs)	Date Sampled	Depth to Groundwater (feet)	Groundwater Elevation (ft-msl)	PCE ug/l (ppb)	TCE ug/l (ppb)	cis-1,2-DCE ug/l (ppb)	1,1-DCE ug/l (ppb)	Vinyl Chloride ug/l (ppb)	1,2-DCA ug/l (ppb)	Chromium ug/l (ppb)	Chromium VI ug/l (ppb)	Cadmium ug/l (ppb)
MW1	109.40	30-55	12/07/98	41.58	67.82	110	140	6.8	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.71	68.69	140	190	ND>10	ND>16	ND>20	ND>10	19	ND>0.02	ND>0.004
			06/24/99	40.36	69.04	600	780	ND>25	ND>40	ND>50	ND>25	19	ND>0.02	ND>0.004
			09/17/99	40.31	69.09	707	824	9.4	1.9	1.9	ND>0.5	16	ND>0.02	ND>0.004
			12/20/99	40.35	69.05	395	635	10	1.6	ND>1.0	ND>0.5	37	ND>0.02	ND>0.003
			03/28/00	40.42	68.98	368	538	11	1.9	ND>1.0	ND>0.5	4	NA	NA
			06/26/00	40.50	68.90	663	909	125	ND>0.8	ND>1.0	ND>0.5	46	NA	NA
MW2	109.45	30-55	12/07/98	41.68	67.77	11	77	16	ND>1	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.81	68.64	6.5	130	13	ND>4	ND>5	ND>2.5	33	ND>0.02	ND>0.004
			06/24/99	40.45	69.00	20	160	13	ND>8	ND>10	ND>5	50	ND>0.02	ND>0.004
			09/17/99	40.40	69.05	15	156	21	ND>0.8	ND>1	ND>0.5	40	ND>0.02	ND>0.004
			12/20/99	40.43	69.02	27	158	18	ND>0.8	ND>1.0	ND>0.5	18	ND>0.02	ND>0.003
			03/28/00	40.38	69.07	8.4	138	27	0.8	ND>1.0	ND>0.5	19	NA	NA
			06/26/00	40.46	68.99	17	101	230	ND>0.8	ND>1.0	ND>0.5	38	NA	NA
MW3	109.61	30-55	12/07/98	41.78	67.83	9.3	75	10	1.7	ND>1.0	ND>0.5	NA	NA	NA
			03/03/99	40.94	68.67	5.1	100	6.4	ND>4	ND>5	ND>2.5	68	ND>0.02	ND>0.004
			06/24/99	40.59	69.02	7.4	110	7.3	ND>8	ND>10	ND>5	50	ND>0.02	ND>0.004
			09/17/99	40.56	69.05	6.1	145	12	1.2	2.3	1.2	58	ND>0.02	ND>0.004
			12/20/99	40.61	69.00	4.4	43	3.6	ND>0.8	ND>1.0	ND>0.5	37	ND>0.02	ND>0.003
			03/28/00	40.54	69.07	4.7	114	13	1.7	ND>1.0	0.9	19	NA	NA
			06/26/00	40.61	69.00	26	92	ND>0.5	ND>0.8	ND>1.0	ND>0.5	44	NA	NA
DTSC MCLs						5	5	6	6	0.5	0.5	50		5

Notes

- 1) Well elevation recorded at top of casing
- 2) PCE = Tetrachloroethene
- 3) TCE = Trichloroethene
- 4) cis 1,2-DCE = cis 1,2 Dichloroethene
- 5) 1,1-DCE = 1,1 Dichloroethene
- 6) 1,2-DCA = 1,2 Dichloroethane

- 7) Maximum Contaminant Levels (MCLs) are enforceable drinking water standards.
- 8) ND> - Constituent not detected above the stated concentration
- 9) NA - Not analyzed

FIGURES

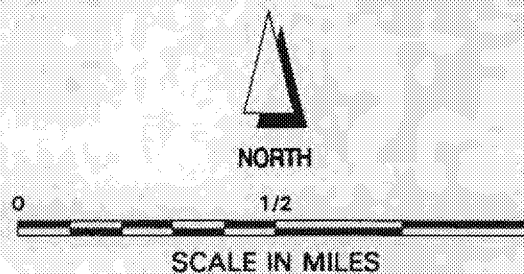


EXPLANATION

◆ Groundwater well UNOCAL property

MW1 Well number

(53') Depth to groundwater in feet MSL (1994)



FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING

Project No.: 172-01

NOTES:

- 1) All locations and dimensions are approximate.
- 2) Base map from USGS 7.5 minute South Gate (1966, photorevised 1981), California topographic quadrangle.
- 3) Groundwater well data from FUGRO West, Inc., project no. 94-48-1320.

FREY ENVIRONMENTAL, INC.

SITE LOCATION MAP

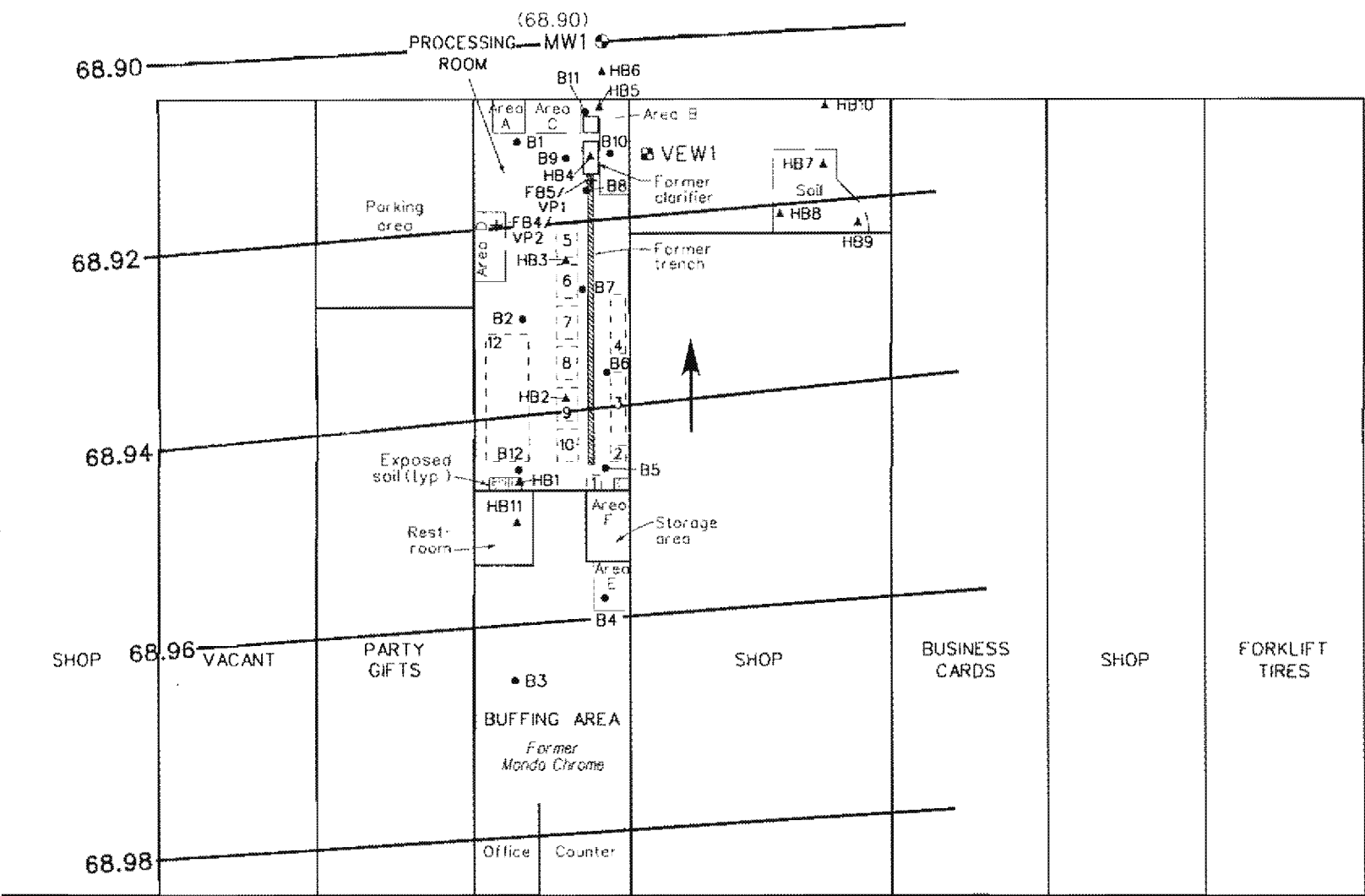
Date: JANUARY 1996

Figure: 1

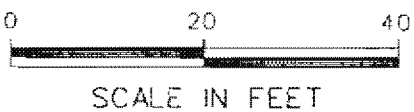
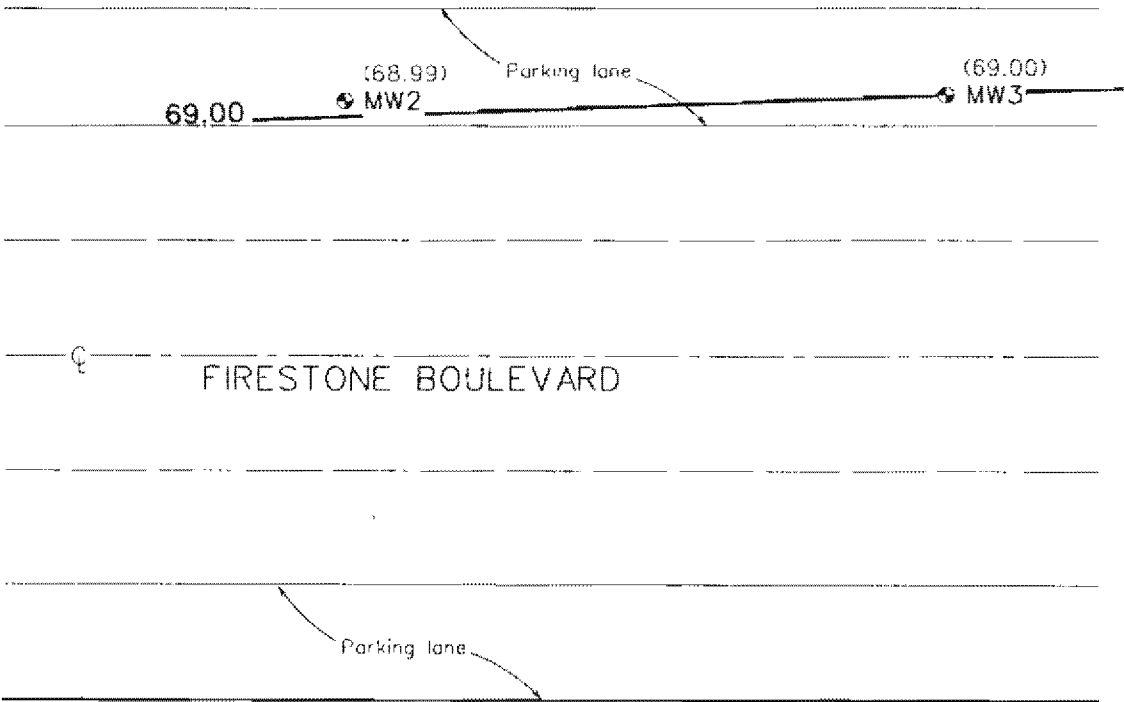
EXPLANATION

- ▲ HB6 HAND AUGER BORING LOCATION
- B11 BORING LOCATION
- VEW1 VAPOR EXTRACTION WELL LOCATION
- + FB4/VP2 SOIL SAMPLE LOCATION/VAPOR PROBE LOCATION
- ⊙ MW3 GROUNDWATER MONITORING WELL LOCATION
- (69.00) With groundwater elevation in feet MSL, on June 26, 2000
- 69.00 CONTOUR OF EQUAL GROUNDWATER ELEVATION in feet MSL, on June 26, 2000
- ESTIMATED GROUNDWATER FLOW DIRECTION

MASON STREET



- NOTES:
- 1) All locations and dimensions are approximate.
 - 2) Base map from Proposed Site Assessment, Former Mondo Chrome Facility, by Fugro West, Inc., project no. 94-48-1320, dated August 1994, and field observations made by FREY Environmental, Inc. July 1996.



FORMER MONDO CHROME FACILITY
4933 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA

Client: TEDESCO LEASING Project No: 172-01

FREY ENVIRONMENTAL, INC.

SITE SKETCH SHOWING GROUNDWATER
ELEVATIONS AND ESTIMATED GROUNDWATER
FLOW DIRECTION ON JUNE 26, 2000

APPENDIX A

FIELD PROCEDURES/WATER SAMPLING DATA FORMS

WELL PURGING AND GROUND WATER SAMPLING

1. Prior to purging ground water monitoring wells, the well head condition is inspected for evidence of tampering or damage.
2. Prior to purging the wells, the water level in the well is recorded using a conductance probe. In addition, a clear bailer sample is taken and visually inspected for turbidity and the presence of free product.
3. Ground water monitoring wells are generally purged of at least twice the water content of the casing and filter pack, or five well casing volumes, whichever is the greater volume. The following techniques can be employed for well purging:
 - A) A bailer: A bailer with diameter slightly less than the casing internal diameter, is lowered into the well. After the bailer has been completely immersed in the ground water, it is retracted. The process is repeated until purging of the well is accomplished.
 - B) A stainless steel submersible pump: A stainless steel submersible pump is lowered into the well. Pumping episodes are repeated until complete purging of the well is accomplished. The pump is then removed from the well.
 - C) A dedicated "in-well" pump or product skimmer: At some locations, a dedicated in well pump may have been installed in the monitoring well. In such instances, the pump is turned on upon arrival at the site. Pumping episodes are repeated until purging of the well is accomplished. The dedicated pump remains in the well after the well purging is complete.
4. The wells are generally allowed to recover to 80% of their original volume, or for a maximum period of 3 hours.
5. Any free product is purged from the monitoring wells prior to undertaking sampling procedures.
6. The ground water samples are collected using a stainless steel bailer or disposable Teflon bailer held by dedicated nylon line.
7. The water level and depth to the bottom of the well are measured using a conductance probe and a fiber measuring tape.
8. All items entering the well; tapes, conductance probe, bailers are cleaned prior to use and between sampling periods.
9. Three samples are collected from each monitoring well and placed into EPA approved, zero head space, 40 ml vials.
10. Each sample is labeled.

11. The samples are placed in a bag, and into an ice chest, and cooled following collection.
12. The samples are delivered to the laboratory following collection. Sample handling, transport, and delivery to the laboratory are documented using chain of custody procedures and appropriate Chain-of-Custody forms.
13. Any additional samples are sometimes used for field analysis; pH, D.O., temperature, and conductivity.
14. Free product and/or contaminated ground water purged from the monitoring wells during groundwater sampling is stored at the site in DOT approved 55 gallon drums, and labeled.
15. Uniform Hazardous and Non-Hazardous Waste Manifests are prepared for the transportation and disposal of removed free product purged contaminated groundwater, respectively.

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo ChromeDATE 6/26JOB NO. 172-01SAMPLING PERSONNEL Eden

WELL NUMBER <u>MW1</u>	Well Diameter (ID) <u>2"</u>	Reference Point <u>TOC</u>
WATER DEPTH (ft) <u>40.50</u>	WELL DEPTH <u>54.40</u>	Feet of H2O in Well <u>13.90</u>

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp °C (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
<u>1201</u>							<u>START PUMP</u>
<u>1202</u>	<u>1</u>	<u>3</u>	<u>7.42</u>	<u>31.4</u>	<u>3842</u>		<u>WATER IS MURKY</u> <u>NO PHO</u>
<u>1203</u>	<u>2</u>	<u>5</u>	<u>7.47</u>	<u>27.8</u>	<u>2073</u>		<u>WATER IS cloudy</u> <u>NO PHO</u>
<u>1204</u>	<u>3</u>	<u>8</u>	<u>7.54</u>	<u>25.8</u>	<u>1595</u>		<u>"</u>
<u>1400</u>			<u>7.62</u>	<u>26.8</u>	<u>1680</u>		<u>SAMPLE</u>
TOTAL GALLONS PURGED		<u>8</u>					

SAMPLE DEPTH (FT)	<u>40.62</u>	PURGE METHOD	<u>Pump</u>	PURGE PUMPING RATE (GPM)	<u>2-3</u>
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FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	<u>HANNA</u>
Turbidity Meter	
Pump (Dia./Type)	<u>1.5" Pump</u>
Water Level Meter	<u>Solinist #1</u>
Bailer (Dia. x length)	<u>1.5" x 36"</u>

SAMPLE NUMBER	# BOTTLES
<u>MW1</u>	<u>3 VOAS</u>
	<u>1 Liter</u>

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____) Ft x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: 13.90 Ft x (0.15) = 2.2 Gallons3 Well Volumes = 6.5 Gallons

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo ChromeDATE 6/26JOB NO. 172-01SAMPLING PERSONNEL Eder

WELL NUMBER <u>MW2</u>	Well Diameter (ID) <u>2"</u>	Reference Point <u>TOC</u>
WATER DEPTH (ft) <u>40.46</u>	WELL DEPTH <u>53.10</u>	Feet of H2O in Well <u>12.64</u>

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp ^{ac} (deg. F)	Cond. (μ S/cm)	TDS (ppm)	COMMENTS
<u>1123</u>							<u>START Pump</u>
<u>1123</u>	<u>0</u>	<u>0</u>	<u>7.24</u>	<u>28.4</u>	<u>3297</u>		<u>water is Murky</u>
<u>1129</u>	<u>1</u>	<u>4</u>	<u>7.37</u>	<u>26.1</u>	<u>2600</u>		<u>water is cloudy</u>
<u>1126</u>	<u>3</u>	<u>9</u>	<u>7.53</u>	<u>26.9</u>	<u>2390</u>		<u>" "</u>
							<u>STOP Pump</u>
							<u>WELL DRY</u>
<u>1325</u>			<u>7.46</u>	<u>28.9</u>	<u>2957</u>		<u>SAMPLE</u>
TOTAL GALLONS PURGED		<u>9</u>					

slight
pH
" "
"

SAMPLE DEPTH (FT) <u>40.54</u>	PURGE METHOD <u>Pump</u>	PURGE PUMPING RATE (GPM) <u>3</u>
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FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	<u>HANNA</u>
Turbidity Meter	
Pump (Dia./Type)	<u>1.5" Pump</u>
Water Level Meter	<u>Solinst #1</u>
Bailer (Dia.x length)	<u>1.5" x 36"</u>

SAMPLE NUMBER	# BOTTLES
<u>MW2</u>	<u>3 VOAS</u>
	<u>1 Liter</u>

WELL VOLUME CALCULATIONS:

(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: (_____) Ft x (0.65) = _____ Gallons

3 Well Volumes = _____ Gallons

2-INCH WELL: (12.64) Ft x (0.15) = 2.0 Gallons3 Well Volumes = 6.0 Gallons

GROUNDWATER SAMPLING DATA

Page ____ of ____

SITE NAME Mondo ChromeDATE 6/26JOB NO. 172-01SAMPLING PERSONNEL Eder

WELL NUMBER <u>MW3</u>	Well Diameter (ID) <u>2"</u>	Reference Point <u>TOC</u>
WATER DEPTH (ft) <u>40.61</u>	WELL DEPTH <u>53.30</u>	Feet of H2O in Well <u>12.69</u>

TIME	ELAPSED TIME	GALLONS PURGED	ph	Temp °C (deg. F)	Cond. (µS/cm)	TDS (ppm)	COMMENTS
1040							START Pump
1043	3	12	7.21	27.5	9000		water is murky
1053							STOP Pump WELL DRY
1053	0	0	7.38	29.7	3261		restart Pump
1055	2	8	7.37	27.5	3060		water is cloudy
							STOP Pump WELL DRY
1305			7.36	28.7	3533		SAMPLE
TOTAL GALLONS PURGED		20					

slight
PHO

SAMPLE DEPTH (FT)	<u>40.92</u>	PURGE METHOD	<u>Pump</u>	PURGE PUMPING RATE (GPM)	<u>4</u>
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FIELD EQUIPMENT	MODEL NAME/ DESCRIPTION
pH Meter/EC Meter	<u>HANNA</u>
Turbidity Meter	
Pump (Dia./Type)	<u>1.5" Pump</u>
Water Level Meter	<u>Solinist #1</u>
Bailer (Dia. x length)	<u>1.5" x 36"</u>

SAMPLE NUMBER	# BOTTLES
<u>MW3</u>	<u>3 VOA's</u>
	<u>1 Liter</u>

WELL VOLUME CALCULATIONS:

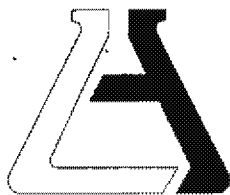
(Water Column Thickness) (Multiplier) = One Well Volume in Gallons

4-INCH WELL: () Ft) x (0.55) = Gallons

3 Well Volumes = Gallons

2-INCH WELL: 12.69 Ft) x (0.16) = 2.0 Gallons3 Well Volumes = 6 Gallons

APPENDIX B
LABORATORY RESULTS



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Frey Environmental, Inc. (7741)
ATTN: Evan Privett
2817A Lafayette Ave.
Newport Beach, CA 92663

LAB REQUEST 55428

REPORTED 07/24/2000

RECEIVED 06/27/2000

PROJECT Mondo Chrome/#172-01

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
194507	MW1
194508	MW2
194509	MW3

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 194507

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MWI

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
200.7 ICP Total Metals - Water Only					
Chromium	0.046	1	0.003	mg/L	07/03/00 MD
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1-Dichloroethane	ND	1	0.8	ug/L	07/14/00 RB
1,1-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
1,2-Dibromoethane	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,2-Dichloropropane	ND	1	0.5	ug/L	07/14/00 RB
1,3-Dichlorobenzene	ND	1	2.0	ug/L	07/14/00 RB
1,4-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	07/14/00 RB
Bromoform	ND	1	0.5	ug/L	07/14/00 RB
Bromomethane	ND	1	1.0	ug/L	07/14/00 RB
Carbon tetrachloride	ND	1	0.7	ug/L	07/14/00 RB
Chlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
Chloroethane	ND	1	0.5	ug/L	07/14/00 RB
Chloroform	ND	1	0.5	ug/L	07/14/00 RB
Chloromethane	ND	1	1.0	ug/L	07/14/00 RB
Dibromochloromethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorobromomethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorodifluoromethane	ND	1	2.0	ug/L	07/14/00 RB
Methylene Chloride	ND	1	1.0	ug/L	07/14/00 RB
Tetrachloroethene	663	1	0.5	ug/L	07/14/00 RB
Trichloroethene	909	1	0.6	ug/L	07/14/00 RB
Trichlorofluoromethane	ND	1	0.5	ug/L	07/14/00 RB
Vinyl chloride	ND	1	1.0	ug/L	07/14/00 RB
cis-1,2-Dichloroethene	125	1	0.5	ug/L	07/14/00 RB
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit. DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report

Order #: 194507

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW1

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



Order #: 194508

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW2

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
200.7 ICP Total Metals - Water Only					
Chromium	0.038	1	0.003	mg/L	07/03/00 MD
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1-Dichloroethane	ND	1	0.8	ug/L	07/14/00 RB
1,1-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
1,2-Dibromoethane	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,2-Dichloropropane	ND	1	0.5	ug/L	07/14/00 RB
1,3-Dichlorobenzene	ND	1	2.0	ug/L	07/14/00 RB
1,4-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	07/14/00 RB
Bromoform	ND	1	0.5	ug/L	07/14/00 RB
Bromomethane	ND	1	1.0	ug/L	07/14/00 RB
Carbon tetrachloride	ND	1	0.7	ug/L	07/14/00 RB
Chlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
Chloroethane	ND	1	0.5	ug/L	07/14/00 RB
Chloroform	ND	1	0.5	ug/L	07/14/00 RB
Chloromethane	ND	1	1.0	ug/L	07/14/00 RB
Dibromochloromethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorobromomethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorodifluoromethane	ND	1	2.0	ug/L	07/14/00 RB
Methylene Chloride	ND	1	1.0	ug/L	07/14/00 RB
Tetrachloroethene	17	1	0.5	ug/L	07/14/00 RB
Trichloroethene	101	1	0.6	ug/L	07/14/00 RB
Trichlorofluoromethane	ND	1	0.5	ug/L	07/14/00 RB
Vinyl chloride	ND	1	1.0	ug/L	07/14/00 RB
cis-1,2-Dichloroethene	230	1	0.5	ug/L	07/14/00 RB
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes. ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 194508

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW2

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



Order #: 194509

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW3

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
200.7 ICP Total Metals - Water Only					
Chromium	0.044	1	0.003	mg/L	07/03/00 MD
8021B/HVO Halogenated Volatile Organics					
1,1,1-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2,2-Tetrachloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1,2-Trichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,1-Dichloroethane	ND	1	0.8	ug/L	07/14/00 RB
1,1-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
1,2-Dibromoethane	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
1,2-Dichloroethane	ND	1	0.5	ug/L	07/14/00 RB
1,2-Dichloropropane	ND	1	0.5	ug/L	07/14/00 RB
1,3-Dichlorobenzene	ND	1	2.0	ug/L	07/14/00 RB
1,4-Dichlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
2-Chloroethylvinyl ether	ND	1	0.7	ug/L	07/14/00 RB
Bromoform	ND	1	0.5	ug/L	07/14/00 RB
Bromomethane	ND	1	1.0	ug/L	07/14/00 RB
Carbon tetrachloride	ND	1	0.7	ug/L	07/14/00 RB
Chlorobenzene	ND	1	1.0	ug/L	07/14/00 RB
Chloroethane	ND	1	0.5	ug/L	07/14/00 RB
Chloroform	ND	1	0.5	ug/L	07/14/00 RB
Chloromethane	ND	1	1.0	ug/L	07/14/00 RB
Dibromochloromethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorobromomethane	ND	1	0.5	ug/L	07/14/00 RB
Dichlorodifluoromethane	ND	1	2.0	ug/L	07/14/00 RB
Methylene Chloride	ND	1	1.0	ug/L	07/14/00 RB
Tetrachloroethene	26	1	0.5	ug/L	07/14/00 RB
Trichloroethene	92	1	0.6	ug/L	07/14/00 RB
Trichlorofluoromethane	ND	1	0.5	ug/L	07/14/00 RB
Vinyl chloride	ND	1	1.0	ug/L	07/14/00 RB
cis-1,2-Dichloroethene	ND	1	0.5	ug/L	07/14/00 RB
cis-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 194509

Client: Frey Environmental, Inc.

Matrix: WATER

Client Sample ID: MW3

Date Sampled: 06/26/2000

Time Sampled:

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B/HVO Halogenated Volatile Organics					
trans-1,2-Dichloroethene	ND	1	0.8	ug/L	07/14/00 RB
trans-1,3-Dichloropropene	ND	1	1.5	ug/L	07/14/00 RB

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES Analytical Results Report



ASSOCIATED LABORATORIES

LCS/MB REPORT FORM

QC Code #: LR 063000W12 Prep. Method : 3010

Prep. Date : 06/30/00 Matrix : WATER Wt./Vol : 0.5ml/25ml

LCS Source(s) : QC21-LOT#QC2/91/1;QC7-LOT7A92/1

Lab ID#'s in Batch: LR 55410, 55436, 54737, 55266, 55428, 55357, 55413, 55385, 55423, 55434

Reporting Units : mg/L

Lab Control Sample (LCS)							Method Blank	
Element	Method	Result	True	%Rec	L.Limit	H.Limit	DLR	ND
Arsenic	200.7	1.894	2.0	94.7	80%	120%	0.005	U
Selenium	200.7	1.862	2.0	93.1	80%	120%	0.004	U
Thallium	200.7	1.854	2.0	92.7	80%	120%	0.003	U
Lead	200.7	1.853	2.0	92.7	80%	120%	0.002	U
Antimony	204.2	2.143	2.0	107.2	80%	120%	0.006	U
Barium	200.7	2.039	2.0	102.0	80%	120%	0.002	U
Beryllium	200.7	2.064	2.0	103.2	80%	120%	0.001	U
Boron	200.7	2.134	2.0	106.7	80%	120%	0.011	U
Cadmium	200.7	2.094	2.0	104.7	80%	120%	0.004	U
Chromium	200.7	2.057	2.0	102.9	80%	120%	0.003	U
Cobalt	200.7	2.104	2.0	105.2	80%	120%	0.005	U
Copper	200.7	2.031	2.0	101.6	80%	120%	0.004	U
Iron	200.7	2.084	2.0	104.2	80%	120%	0.011	U
Manganese	200.7	2.028	2.0	101.4	80%	120%	0.002	U
Molybdenum	200.7	2.067	2.0	103.4	80%	120%	0.010	U
Nickel	200.7	2.045	2.0	102.3	80%	120%	0.008	U
Vanadium	200.7	2.031	2.0	101.6	80%	120%	0.005	U
Zinc	200.7	2.085	2.0	104.3	80%	120%	0.002	U
Silver	200.7	1.033	1.0	103.3	80%	120%	0.005	U
Aluminum	200.7	2.096	2.0	104.8	80%	120%	0.052	U

Notes : RESULT = Sample Result; TRUE = True Value; %Rec = 100*Result/True

L LIMIT / H LIMIT = Low / High Control Limits

PB = Preparation Blank; ND = " U " for Non- Detected

ASSOCIATED LABORATORIES

QA REPORT FORM (MS/MSD)

QC Sample: LR 55410 - 194436

Matrix: WATER

Prep. Date: 06/30/00

Analysis Date: 07/03/00

Lab ID#'s in Batch: LR 55410, 55436, 54737, 55266, 55428, 55357, 55413, 55385, 55423, 55434

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

REPORTING UNITS = mg/L

TEST	Method	Sample Result	ND	Spike Added	Matrix Spike	Matrix Spike Dup	%Rec MS	%Rec MSD	RPD
Arsenic	200.7	ND	U	0.1	0.103	0.102	103.0	102.0	1.0
Selenium	200.7	ND	U	0.1	0.101	0.100	101.0	100.0	1.0
Thallium	200.7	ND	U	0.1	0.094	0.091	94.0	91.0	3.2
Lead	200.7	0.003		0.2	0.189	0.188	94.5	94.0	0.5
Antimony	204.2	ND	U	1.0	1.030	1.020	103.0	102.0	1.0
Barium	200.7	0.047		1.0	1.050	1.050	105.0	105.0	0.0
Beryllium	200.7	0.002		1.0	1.010	1.020	101.0	102.0	1.0
Cadmium	200.7	0.002		1.0	0.994	1.010	99.4	101.0	1.6
Chromium	200.7	0.035		1.0	1.016	1.020	101.6	102.0	0.4
Cobalt	200.7	0.018		1.0	1.010	1.020	101.0	102.0	1.0
Copper	200.7	0.025		1.0	0.986	1.000	98.6	100.0	1.4
Molybdenum	200.7	0.011		1.0	1.020	1.020	102.0	102.0	0.0
Nickel	200.7	0.113		1.0	1.090	1.080	109.0	108.0	0.9
Vanadium	200.7	0.003		1.0	1.000	1.010	100.0	101.0	1.0
Zinc	200.7	0.035		1.0	1.040	1.050	104.0	105.0	1.0
Silver	200.7	0.005	U	0.4	0.312	0.316	78.0	79.0	1.3
Aluminum	200.7	1.013		1.0	2.040	2.050	102.7	103.7	0.5
Iron	200.7	0.308		1.0	1.290	1.290	98.2	98.2	0.0
Manganese	200.7	0.016		1.0	0.995	0.996	99.5	99.6	0.1
Boron	200.7	0.290		1.0	1.280	1.280	99.0	99.0	0.0

NC = Not Calculated

ND = "U" - Not Detected

RPD - Relative Percent Difference of Matrix Spike and Matrix Spike Duplicate

%REC-MS&MSD = Percent Recovery of Matrix Spike & Matrix Spike Duplicate

% REC LIMITS - 75 - 125

RPD LIMITS = 20

ASSOCIATED LABORATORIES
LCS REPORT FORM

Matrix: WATER

Method : 8021

Analysis Date: 07/14/00

Applies to: LR 55474, 55689, 55690, 53762, 54735, 55492, 55613

REPORTING UNITS = ug/L

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits	
								RPD	%REC
1,1-Dichloroethene	ND	10.0	8.2	8.3	82.0	83.0	1.2	30	61-145
Benzene	ND	10.0	8.9	8.2	89.0	82.0	8.2	11	76-127
Trichloroethene	ND	10.0	7.6	7.2	76.0	72.0	5.4	14	71-120
Toluene	ND	10.0	9.3	9.2	93.0	92.0	1.1	13	76-125
Chlorobenzene	ND	10.0	8.0	7.8	80.0	78.0	2.5	13	75-130

ND = Not Detected

RPD = Relative Percent Difference of LCS and LCS Dup

%REC-MS & MSD = Percent Recovery of LCS & LCS Dup

Method Blank = All ND



ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92868
(714) 771-6900 • FAX: (714) 538-1209

55428

CHAIN OF CUSTODY RECORD

Date 6-26-00 Page _____ of _____

CLIENT FREY
ADDRESS 2817-A Lafayette Ave.
Newport Beach 92663
PROJECT NAME MONDO CHROME 172-01

PROJECT MANAGER
Evan Privett
PHONE NUMBER
(949) 723-1645
SAMPLERS: (Signature)
[Signature]

Samples Intact Yes _____ No _____
County Seals Intact Yes _____ No _____
Sample Ambient _____ Cooled _____ Frozen _____
Same Day _____ 24 Hr. _____
Regular X 48 Hr. _____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE			NO OF CNTNRS	SUSP CONTAM	TESTS REQUIRED
				WATER	AIR	SOLID			
MW1 ✓	VOAS	6/26		X			3		EPA 8010
MW1 ✓	LITER						1		TOTAL CHROMIUM
MW2 ✓	VOAS						3		EPA 8010
MW2 ✓	LITER						1		TOTAL CHROMIUM
MW3 ✓	VOAS						3		EPA 8010
MW3 ✓	LITER						1		TOTAL CHROMIUM

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

I hereby authorize the performance of the above indicated work.

Relinquished by: (Signature)

Received by Laboratory for analysis (Signature)

Date/Time

[Signature]

Special Instructions:

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier